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CLAIMS:

1. A method of forming an electrical connection with a transistor source/drain region of an SOI transistor comprising:

forming a plurality of spaced apart semiconductive material islands over an insulative material, individual islands comprising respective outer surfaces;

forming a conductive transistor gate over at least some of the outer surfaces;

forming at least one conductive source/drain diffusion region within semiconductive material laterally adjacent at least one of the gates;

forming a first conductive material between at least some of the islands and laterally spaced from the one source/drain diffusion region, the first conductive material extending elevationally below the outer surface over which the one conductive gate is formed; and

forming a second conductive material over and in electrical connection with the first conductive material and the one source/drain diffusion region to provide an electrical connection.

2. The method of forming an electrical connection with a transistor source/drain region of claim 1, wherein the forming a first conductive material comprises:

etching insulating material between adjacent islands; and

replacing at least some of the etched insulating material with the first conductive material.

1 3. The method of forming an electrical connection with a
2 transistor source/drain region of claim 1, wherein:

3 the islands define respective separation spaces between adjacent
4 islands, at least some of the separation spaces being occupied with
5 insulating material; and

6 the forming of the first conductive material comprises:

7 removing at least some of the insulating material occupying at
8 least one of the separation spaces; and

9 replacing at least some of the removed insulating material with
10 first conductive material to a degree sufficient to only partially occupy
11 the one separation space with first conductive material.
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5. A method of forming an electrical connection comprising:
forming a diffusion region in semiconductive material, the diffusion
region having an outer surface;

forming a conductive line laterally spaced from the semiconductive
material and diffusion region, a predominate portion of the conductive
line being disposed elevationally below the diffusion region outer surface;
and

interconnecting the conductive line and the diffusion region with
electrically conductive material.

6. The method of claim 5, wherein ~~the~~ interconnecting the
conductive line and the diffusion region comprises forming the
electrically conductive material over both the conductive line and the
diffusion region.

7. The method of claim 5, wherein the forming of the
conductive line comprises:

forming an isolation oxide region laterally adjacent the
semiconductive material, the oxide region having a lateral width;

removing a portion of the isolation oxide intermediate the lateral
width; and

replacing at least some of the removed isolation oxide with
electrically conductive material.

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1 8. The method of claim 5, wherein the forming of the
2 conductive line comprises:

3 forming an isolation oxide region laterally adjacent the
4 semiconductive material, the oxide region having a lateral width;

5 removing a portion of the isolation oxide intermediate the lateral
6 width and to a greater degree in an elevationally downward direction
7 than a laterally outward direction; and

8 replacing at least some of the removed isolation oxide with
9 electrically conductive material.

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11 9. The method of claim 5, wherein the forming of the
12 conductive line comprises:

13 forming an isolation oxide region laterally adjacent the
14 semiconductive material, the oxide region having a first lateral width;

15 removing a portion of the isolation oxide at least intermediate the
16 lateral width;

17 forming oxide material within the first lateral width and to a
18 degree sufficient to occupy less than the first lateral width and to
19 define a second lateral width; and

20 replacing at least some of the removed isolation oxide with
21 electrically conductive material.

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15. The method of claim 10, wherein the forming a first conductive material comprises:

etching the isolation oxide to a degree sufficient to expose a silicon-containing sidewall of the silicon-containing structure and a silicon-containing sidewall of another laterally adjacent silicon-containing structure, the two silicon-containing sidewalls generally facing one another and defining a trench therebetween;

forming an oxide lining within the trench and over the two silicon-containing sidewalls, the oxide lining defining a trough within the trench; and

forming first conductive material within at least a portion of the trough and over at least some of the oxide lining.

16. A method of forming integrated circuitry comprising:

forming a diffusion region within semiconductive material between spaced apart isolation oxide regions;

forming a conductive line within at least one of the isolation oxide regions adjacent the diffusion region; and

forming conductive material over the diffusion region and the conductive line to provide an electrical interconnection therebetween.

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17. The method of forming integrated circuitry of claim 16,
wherein the forming a conductive line comprises:

etching the one isolation oxide region to elevationally below the
diffusion region; and

forming conductive line material within the one isolation region.

18. The method of forming integrated circuitry of claim 16,
wherein the forming a conductive line comprises:

etching the one isolation oxide region to elevationally below the
diffusion region, the etching defining a lateral width dimension in a
width dimension direction;

forming oxide material within the lateral width dimension and to
a degree sufficient to occupy about two thirds of at least some of the
lateral width dimension in the width dimension direction; and

forming conductive line material in at least some of the lateral
width dimension which is not occupied with oxide material.

19. A method of forming an electrical connection to a node location comprising:

forming at least one isolation trench within a bulk semiconductive substrate, the isolation trench being disposed laterally adjacent a substrate active area;

filling the one isolation trench with isolation oxide;

removing some of the isolation oxide from the one isolation trench;

replacing the removed isolation oxide with first conductive material;

forming a diffusion region in the substrate active area, the diffusion region defining a node location to which electrical connection is to be made; and

forming second conductive material over the first conductive material and the diffusion region to provide an electrical connection therebetween.

20. The method of forming an electrical connection to a node location of claim 19, wherein the diffusion region has an outer surface and the first conductive material is formed to extend predominately below the diffusion region outer surface.

25. A method of forming conductive lines comprising:
forming an oxide isolation grid between semiconductive material;
forming conductive material within the oxide isolation grid to form
a conductive grid therein; and
removing selected portions of the conductive material grid to
define interconnect lines within the oxide isolation grid.

26. The method of forming conductive lines of claim 25, wherein the forming an oxide isolation grid comprises forming individual oxide isolation regions over a semiconductive substrate by trench and refill technique.

27. The method of forming conductive lines of claim 25, wherein the forming an oxide isolation grid comprises:

forming a plurality of silicon-containing islands over an insulative surface; and

forming oxide isolation regions between silicon-containing islands.

1 28. The method of forming conductive lines of claim 25, wherein
2 the forming conductive material within the oxide isolation grid comprises:
3 etching into the oxide isolation grid to define a network of
4 outwardly-exposed trenches running within the oxide isolation grid;
5 forming conductive material within and over the outwardly-exposed
6 trenches to a degree sufficient to completely fill the trenches; and
7 planarizing the conductive material to isolate conductive material
8 within the trenches and to define the conductive grid.

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10 29. A method of forming a conductive grid over a substrate
11 comprising:

12 forming a layer of insulative material over a substrate surface;
13 forming a plurality of upstanding silicon-containing structures over
14 the insulative material, the silicon-containing structures comprising
15 respective outer surfaces;

16 defining a network of conduits within the insulative material
17 between individual silicon-containing structures; and

18 filling the conduits at least partially with conductive material to
19 provide a conductive grid.

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21 30. The method of forming a conductive grid of claim 29,
22 wherein defining a network of conduits comprises etching at least some
23 of the insulative material between individual silicon-containing structures
24 to below an adjacent silicon-containing outer surface.

1 31. The method of forming a conductive grid of claim 29,
2 wherein:

3 the defining a network of conduits comprises etching at least some
4 of the insulative material between individual silicon-containing structures
5 to a degree sufficient to expose respective silicon-containing structure
6 sidewalls; and

7 prior to filling the conduits at least partially with conductive
8 material, forming an oxide lining material within the conduits and over
9 the exposed respective silicon-containing structure sidewalls.

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11 32. A method of forming a conductive network comprising:
12 forming a plurality of oxide isolation regions over a semiconductive
13 substrate; and

14 forming conductive material received within at least one of the
15 oxide isolation regions.

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17 33. The method of forming a conductive network of claim 32,
18 wherein the forming a conductive material comprises:

19 etching into at least some oxide isolation region material;
20 forming conductive material within the etched oxide isolation
21 regions; and

22 planarizing the conductive material to a degree sufficient to isolate
23 desired conductive material relative to other conductive material, the
24 planarizing defining the conductive network.

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1 36. A method of forming conductive lines in electrical contact
2 with active area diffusion regions comprising:

3 forming insulative material over a semiconductive substrate;

4 forming a plurality of silicon-containing structures over the
5 insulative material, individual silicon-containing structures having
6 respective sidewalls, adjacent silicon-containing structure sidewalls defining
7 respective spaces therebetween;

8 forming nitride-containing caps atop the individual silicon-containing
9 structures;

10 forming insulative material in the spaces between individual
11 adjacent silicon-containing structures;

12 planarizing the insulative material to be generally coplanar with
13 the nitride-containing caps;

14 etching at least some of the insulative material between individual
15 adjacent silicon-containing structures to a degree sufficient to expose the
16 respective sidewalls of the adjacent silicon-containing structures, the
17 etching defining respective troughs between the sidewalls having lateral
18 widths in lateral width directions;

19 depositing an oxide lining material within the troughs and over
20 respective sidewalls to a degree sufficient to fill about two thirds of the
21 lateral width of the trough in the lateral width direction;

22 forming conductive material over the substrate and in at least
23 some of the remaining one third of the lateral width of the trough;
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1 planarizing the oxide lining material and the conductive material
2 to be substantially coplanar with nitride-containing caps;

3 recessing remaining conductive material within the trough to below
4 an immediately adjacent planar surface;

5 masking selected substrate areas;

6 removing conductive material from unmasked substrate areas;

7 forming insulative material over the substrate, the insulative
8 material filling in the troughs from which conductive material was
9 removed and covering conductive material which was not removed;

10 planarizing the insulative material to be substantially coplanar with
11 the nitride-containing caps;

12 removing the nitride-containing caps to outwardly expose respective
13 outer surfaces of the silicon-containing structures, respective outer
14 surfaces defining individual active areas in which diffusion regions are
15 to be formed;

16 forming individual oxide layers over respective silicon-containing
17 structure outer surfaces;

18 forming a polysilicon layer over the oxide layers;

19 planarizing the polysilicon layer;

20 forming an oxide layer over the polysilicon layer to provide stack
21 structures over the silicon-containing structures;

22 patterning and etching the stack structures to form individual gate
23 structures over the silicon-containing structures;

24 forming sidewall spacers over respective gate structure sidewalls;

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forming diffusion regions in the silicon-containing structures adjacent individual gate structures;

forming insulative material over the substrate;

planarizing the insulative material;

patterning and etching the insulative material to outwardly expose at least one diffusion region and at least some of the conductive material; and

forming connective polysilicon material over the one exposed diffusion region and the conductive material, the connective material interconnecting the one exposed diffusion region and the conductive material, the conductive material providing a conductive line to the one diffusion region.

37. Integrated memory circuitry comprising:

a substrate;

a plurality of source/drain diffusion regions supported by the substrate;

a plurality of isolation oxide regions supported by the substrate and interposed between and separating at least some of the source/drain diffusion regions; and

a plurality of conductive lines supported by the substrate at least some of which being operatively connected with at least some of the source/drain diffusion regions and disposed within the isolation oxide regions.

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38. The integrated memory circuitry of claim 37 further comprising a plurality of silicon-containing structures, the structures being separated by respective isolation oxide regions and supporting respective source/drain diffusion regions.

39. The integrated memory circuitry of claim 37, wherein the source/drain diffusion regions define respective outer surfaces and a predominant portion of at least some of the conductive lines which are disposed within the isolation oxide regions are disposed elevationally below the source/drain diffusion regions' outer surfaces.